

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gopal Harikumar et al.  
Filed : June 27, 2003

Art Unit : Unknown  
Examiner : Unknown

Title : SPECTRALLY CONSTRAINED IMPULSE SHORTENING FILTER FOR A  
DISCRETE MULTI-TONE RECEIVER



**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

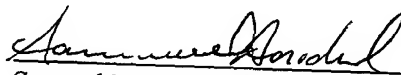
PRELIMINARY AMENDMENT

Prior to examination, please amend the application as indicated on the following pages.  
Applicant asks that all claims be examined in view of the amendment to the claims and remarks  
contained on the following sheets, a total of 8 pages.

Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 6/27/03

  
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